

|   | Type | L # | Hits | Search Text   | DBs   | Time Stamp          |
|---|------|-----|------|---|---|---------------------|
| 1 | BRS  | L1  | 2    | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or<br>upconver\$4)with (plural\$3<br>adj2 subsampl\$3 or plural\$3<br>adj2 sub adj2 sampl\$3 or<br>multi\$3 adj2 subsampl\$3 or<br>multi\$3 adj2 sub adj2<br>sampl\$3 or parallel adj2<br>subsampl\$3 or parallel adj2<br>sub adj2 sampl\$3 or first<br>adj3 second adj3<br>subsampl\$3) same (classif\$4<br>near3 sampl\$3 or group\$4<br>near3 sampl\$3 or arrang\$5<br>near3 sampl\$3) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:22 |
| 2 | BRS  | L2  | 1    | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or<br>upconver\$4)with (plural\$3<br>adj2 subsampl\$3 or plural\$3<br>adj2 sub adj2 sampl\$3 or<br>multi\$3 adj2 subsampl\$3 or<br>multi\$3 adj2 sub adj2<br>sampl\$3 or parallel adj2<br>subsampl\$3 or parallel adj2<br>sub adj2 sampl\$3 or first<br>adj3 second adj3<br>subsampl\$3) same (classif\$4<br>near3 phase or group\$4<br>near3 phase or arrang\$5<br>near3 phase)          | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:20 |

|   | Comments | Error Definition | Errors |
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| 1 |          |                  |        |
| 2 |          |                  |        |

|   | Type | L # | Hits | Search Text   | DBs   | Time Stamp          |
|---|------|-----|------|---|---|---------------------|
| 3 | BRS  | L3  | 2    | 1 or 2  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:21 |
| 4 | BRS  | L4  | 2    | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or<br>upconver\$4)with (plural\$3<br>adj2 subsampl\$3 or plural\$3<br>adj2 sub adj2 sampl\$3 or<br>multi\$3 adj2 subsampl\$3 or<br>multi\$3 adj2 sub adj2<br>sampl\$3 or parallel adj2<br>subsampl\$3 or parallel adj2<br>sub adj2 sampl\$3 or first<br>adj3 second adj3<br>subsampl\$3) same (classif\$4<br>or group\$4 or arrang\$5 or<br>map\$4) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:23 |
| 5 | BRS  | L5  | 9    | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or<br>upconver\$4)with (plural\$3<br>adj2 subsampl\$3 or plural\$3<br>adj2 sub adj2 sampl\$3 or<br>multi\$3 adj2 subsampl\$3 or<br>multi\$3 adj2 sub adj2<br>sampl\$3 or parallel adj2<br>subsampl\$3 or parallel adj2<br>sub adj2 sampl\$3 or first<br>adj3 second adj3<br>subsampl\$3)  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:46 |

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| 3 |          |                  |        |
| 4 |          |                  |        |
| 5 |          |                  |        |

|   | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|---|------|-----|------|--|---|---------------------|
| 6 | BRS  | L6  | 1    | (upsmpl\$3 or oversmpl\$3<br>or over adj1 smpl\$3 or up<br>adj2 smpl\$3 or<br>upconver\$4) same (plural\$3<br>adj2 subsmpl\$3 or plural\$3<br>adj2 sub adj2 smpl\$3 or<br>multi\$3 adj2 subsmpl\$3 or<br>multi\$3 adj2 sub adj2<br>smpl\$3 or parallel adj2<br>subsmpl\$3 or parallel adj2<br>sub adj2 smpl\$3 or first<br>adj3 second adj3<br>subsmpl\$3) same<br>(integrat\$4 near3 noise or<br>integrat\$3 near3<br>interference or noise near3<br>remov\$3 or noise near3<br>suppress\$3 or noise near3<br>cancel\$6 or noise near3<br>eliminat\$3 or interference<br>near3 cancel\$6 or<br>interference near3 reduc\$3<br>or noise near3 reduc\$4 or<br>interference near3<br>eliminat\$4 or interference<br>near3 suppress\$4 or<br>interference near3 remov\$4) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:33 |

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| 6 |          |                  |        |

|   | Type | L # | Hits | Search Text   | DBs   | Time Stamp          |
|---|------|-----|------|---|---|---------------------|
| 7 | BRS  | L7  | 18   | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or<br>upconver\$4) same (sub adj2<br>sampl\$3 or subsampl\$3) same<br>(integrat\$4 near3 noise or<br>integrat\$3 near3<br>interference or noise near3<br>remov\$3 or noise near3<br>suppress\$3 or noise near3<br>cancel\$6 or noise near3<br>eliminat\$3 or interference<br>near3 cancel\$6 or<br>interference near3 reduc\$3<br>or noise near3 reduc\$4 or<br>interference near3<br>eliminat\$4 or interference<br>near3 suppress\$4 or<br>interference near3 remov\$4) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:39 |

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| 7 |          |                  |        |



|   | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|---|------|-----|------|--|---|---------------------|
| 8 | BRS  | L8  | 9020 | (optim\$3 near3 sync\$1 or<br>optim\$4 near3 synchroniz\$8<br>or best near3 sync\$1 or<br>best near3 synchroniz\$8 or<br>maxim\$4 near3 sync\$1 or<br>maxim\$4 near3 synchroniz\$8<br>or greatest near3 sync\$3 or<br>greatest near3 synchroniz\$8<br>or highest near3 sync\$3 or<br>highest near3 synchroniz\$8<br>or tim\$3 near2 select\$4)<br>same (integrat\$4 near3<br>noise or integrat\$3 near3<br>interference or noise near3<br>remov\$3 or noise near3<br>suppress\$3 or noise near3<br>cancel\$6 or noise near3<br>eliminat\$3 or interference<br>near3 cancel\$6 or<br>interference near3 reduc\$3<br>or noise near3 reduc\$4 or<br>interference near3<br>eliminat\$4 or interference<br>near3 suppress\$4 or<br>interference near3 remov\$4<br>or integrat\$4) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:44 |

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| 8 |          |                  |        |

|    | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|----|------|-----|------|--|---|---------------------|
| 9  | BRS  | L9  | 1268 | (optim\$3 near3 sync\$1 or<br>optim\$4 near3 synchroniz\$8<br>or best near3 sync\$1 or<br>best near3 synchroniz\$8 or<br>maxim\$4 near3 sync\$1 or<br>maxim\$4 near3 synchroniz\$8<br>or greatest near3 sync\$3 or<br>greatest near3 synchroniz\$8<br>or highest near3 sync\$3 or<br>highest near3 synchroniz\$8<br>or tim\$3 near2 select\$4)<br>same (integrat\$4 near3<br>noise or integrat\$3 near3<br>interference or noise near3<br>remov\$3 or noise near3<br>suppress\$3 or noise near3<br>cancel\$6 or noise near3<br>eliminat\$3 or interference<br>near3 cancel\$6 or<br>interference near3 reduc\$3<br>or noise near3 reduc\$4 or<br>interference near3<br>eliminat\$4 or interference<br>near3 suppress\$4 or<br>interference near3 remov\$4<br>) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:49 |
| 10 | BRS  | L10 | 736  | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or upconver\$4)<br>same (subsampl\$3 or sub<br>adj2 sampl\$3)  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:47 |

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| 9  |          |                  |        |
| 10 |          |                  |        |

|    | Type | L # | Hits | Search Text   | DBs   | Time Stamp          |
|----|------|-----|------|---|---|---------------------|
| 11 | BRS  | L11 | 2    | 9 and 10  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:47 |
| 12 | BRS  | L12 | 7    | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or upconver\$4)<br>same 9 | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:51 |

|    | Comments | Error Definition | Errors |
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| 11 |          |                  |        |
| 12 |          |                  |        |

|    | Type | L # | Hits | Search Text   | DBs   | Time Stamp          |
|----|------|-----|------|---|---|---------------------|
| 13 | BRS  | L13 | 1270 | (optim\$3 near3 sync\$1 or<br>optim\$4 near3 synchroniz\$8<br>or best near3 sync\$1 or<br>best near3 synchroniz\$8 or<br>maxim\$4 near3 sync\$1 or<br>maxim\$4 near3 synchroniz\$8<br>or greatest near3 sync\$3 or<br>greatest near3 synchroniz\$8<br>or highest near3 sync\$3 or<br>highest near3 synchroniz\$8<br>or tim\$3 near2 select\$4 or<br>largest near3 synchroniz\$8<br>or biggest near3<br>synchroniz\$8) same<br>(integrat\$4 near3 noise or<br>integrat\$3 near3<br>interference or noise near3<br>remov\$3 or noise near3<br>suppress\$3 or noise near3<br>cancel\$6 or noise near3<br>eliminat\$3 or interference<br>near3 cancel\$6 or<br>interference near3 reduc\$3<br>or noise near3 reduc\$4 or<br>interference near3<br>eliminat\$4 or interference<br>near3 suppress\$4 or<br>interference near3 remov\$4<br>) | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:51 |
| 14 | BRS  | L14 | 7    | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or upconver\$4<br>or subsampl\$3 or sub adj1<br>sampl\$3) same 13   | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:53 |

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| 13 |          |                  |        |
| 14 |          |                  |        |



|    | Type | L # | Hits | Search Text  | DBs   | Time Stamp          |
|----|------|-----|------|--|---|---------------------|
| 15 | BRS  | L15 | 74   | (upsampl\$3 or oversampl\$3<br>or over adj1 sampl\$3 or up<br>adj2 sampl\$3 or upconver\$4<br>or subsampl\$3 or sub adj1<br>sampl\$3) and 13 | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:53 |
| 16 | BRS  | L16 | 67   | 15 not 14  | US-<br>PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO;<br>JPO;<br>DERWEN<br>T;<br>IBM_TD<br>B | 2007/11/13<br>13:53 |

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| 15 |          |                  |        |
| 16 |          |                  |        |